

SECTION C.  
CLASSIFICATION OF PROGRAMS



**Current Classification Schemes for the Integrated Postsecondary Education Data System  
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
<b>ENGINEERING</b>	<b>ENGINEERING</b>
<b>Aeronautical/Astronautical Engineering</b>	<b>Aeronautical/Astronautical Engineering</b>
14.02 Aerospace, Aeronautical, and Astronautical Engineering	300 Aerospace, Aeronautical, and Astronautical Engineering
<b>Chemical Engineering</b>	<b>Chemical Engineering</b>
14.07 Chemical Engineering	312 Chemical Engineering
14.25 Petroleum Engineering	366 Petroleum Engineering
14.32 Polymer/Plastics Engineering	369 Polymer and Plastics Engineering
	547 Fuel Technology and Petroleum Engineering
<b>Civil Engineering</b>	<b>Civil Engineering</b>
14.04 Architectural Engineering	315 Civil Engineering
14.08 Civil Engineering	336 Environmental Health Engineering
14.14 Environmental/Environmental Health Engineering	
<b>Electrical Engineering</b>	<b>Electrical Engineering</b>
14.09 Computer Engineering	318 Communications Engineering
14.10 Electrical, Electronics, and Communications Engineering	321 Computer Engineering
	322 Electrical Engineering
	323 Electronics Engineering
	324 Electrical and Electronics Engineering
<b>Industrial Engineering</b>	<b>Industrial Engineering</b>
14.17 Industrial/Manufacturing Engineering	339 Industrial and Manufacturing Engineering
14.30 Engineering/Industrial Management	
<b>Mechanical Engineering</b>	<b>Mechanical Engineering</b>
14.11 Engineering Mechanics	327 Engineering Mechanics
14.19 Mechanical Engineering	345 Mechanical Engineering
<b>Materials/Metallurgical Engineering</b>	<b>Materials/Metallurgical Engineering</b>
14.06 Ceramic Sciences and Engineering	309 Ceramic Sciences
14.18 Materials Engineering	342 Materials Science
14.20 Metallurgical Engineering	348 Metallurgical Engineering
14.31 Materials Science	
40.0701 Metallurgy	
<b>Other Engineering</b>	<b>Other Engineering</b>
14.01 Engineering, General	303 Agricultural Engineering
14.03 Agricultural Engineering	306 Bioengineering and Biomedical Engineering
14.05 Bioengineering and Biomedical Engineering	330 Engineering Physics
14.12 Engineering Physics	333 Engineering Science
14.13 Engineering Science	351 Mining and Mineral Engineering
14.15 Geological Engineering	354 Naval Architecture and Marine Engineering
14.16 Geophysical Engineering	357 Nuclear Engineering
14.21 Mining and Mineral Engineering	360 Ocean Engineering
14.22 Naval Architecture and Marine Engineering	363 Operations Research
14.23 Nuclear Engineering	372 Systems Engineering
14.24 Ocean Engineering	375 Textile Engineering

**Current Classification Schemes for the Integrated Postsecondary Education Data System  
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
14.27 Systems Engineering	398 Engineering, General
14.28 Textile Sciences and Engineering	399 Engineering, Other
14.29 Engineering Design	
14.99 Engineering, Other	
45.0702 Cartography	
<b>PHYSICAL SCIENCES</b>	<b>PHYSICAL SCIENCES</b>
<b>Astronomy</b>	<b>Astronomy</b>
40.02 Astronomy	500 Astronomy
40.03 Astrophysics	505 Astrophysics
	506 Astronomy and Astrophysics
<b>Chemistry</b>	<b>Chemistry</b>
40.0501 Chemistry, General	520 Analytical Chemistry
40.0502 Analytical Chemistry	521 Agricultural and Food Chemistry
40.0503 Inorganic Chemistry	522 Inorganic Chemistry
40.0504 Organic Chemistry	524 Nuclear Chemistry
40.0505 Medicinal/Pharmaceutical Chemistry	526 Organic Chemistry
40.0506 Physical and Theoretical Chemistry	528 Pharmaceutical Chemistry
40.0507 Polymer Chemistry	530 Physical Chemistry
40.0599 Chemistry, Other	532 Polymer Chemistry
	534 Theoretical Chemistry
	538 Chemistry, General
	539 Chemistry, Other
<b>Physics</b>	<b>Physics</b>
40.0801 Physics, General	560 Acoustics
40.0802 Chemical and Atomic/Molecular Physics	561 Chemical and Atomic/Molecular Physics
40.0804 Elementary Particle Physics	562 Electron Physics
40.0805 Plasma and High-Temperature Physics	563 Electromagnetic Physics
40.0806 Nuclear Physics	564 Elementary Particle Physics
40.0807 Optics	566 Fluids
40.0808 Solid State and Low-Temperature Physics	567 Mechanics
40.0809 Acoustics	568 Nuclear Physics
40.0810 Theoretical and Mathematical Physics	569 Optics
40.0899 Physics, Other	570 Plasma and High-Temperature Physics
	572 Polymer Physics
	573 Thermal Physics
	574 Solid State and Low-Temperature Physics
	575 Theoretical Physics
	578 Physics, General
	579 Physics, Other
<b>Other Physical Sciences</b>	<b>Other Physical Sciences</b>
40.01 Physical Sciences, General	599 Physical Sciences, Other
40.0799 Miscellaneous Physical Sciences, Other	
40.99 Physical Sciences, Other	

**Current Classification Schemes for the Integrated Postsecondary Education Data System  
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
<b>EARTH, ATMOSPHERIC, AND OCEAN SCIENCES</b>	<b>EARTH, ATMOSPHERIC, AND OCEAN SCIENCES</b>
<p><b>Atmospheric Sciences</b> 40.04 Atmospheric Sciences and Meteorology</p> <p><b>Geosciences</b> 40.0601 Geology 40.0602 Geochemistry 40.0603 Geophysics and Seismology 40.0604 Paleontology 40.0699 Geological and Related Sciences, Other 40.0703 Earth and Planetary Sciences</p> <p><b>Oceanography</b> 40.0702 Oceanography</p>	<p><b>Atmospheric Sciences</b> 510 Atmospheric Physics and Chemistry 512 Atmospheric Dynamics 514 Meteorology 518 Atmospheric Science/Meteorology, General 519 Atmospheric Science/Meteorology, Other</p> <p><b>Geosciences</b> 540 Geology 542 Geochemistry 544 Geophysics and Seismology 545 Geophysics (Solid Earth) 546 Paleontology 548 Mineralogy and Petrology 549 Mineralogy, Petrology, and Geochemistry 550 Stratigraphy and Sedimentation 552 Geomorphology and Glacial Geology 554 Applied Geology 555 Applied Geology and Geological Engineering 558 Geological and Related Sciences, General 559 Geological and Related Sciences, Other 585 Hydrology and Water Resources</p> <p><b>Oceanography</b> 590 Oceanography 595 Marine Sciences</p> <p><b>Other Environmental Sciences</b> 580 Environmental Science</p>
<b>MATHEMATICAL/COMPUTER SCIENCES</b>	<b>MATHEMATICAL/COMPUTER SCIENCES</b>
<p><b>Mathematics</b> 27.01 Mathematics, General 27.03 Applied Mathematics 27.05 Mathematical Statistics 27.99 Mathematics, Other 52.0802 Actuarial Science 52.1302 Business Statistics</p> <p><b>Computer Science</b> 11.01 Computer and Information Sciences, General 11.02 Computer Programming</p>	<p><b>Mathematics</b> 420 Applied Mathematics 425 Algebra 430 Analysis and Functional Analysis 435 Geometry 440 Logic 445 Number Theory 450 Mathematical Statistics 455 Topology 460 Computing Theory and Practice 465 Operations Research 498 Mathematics, General 499 Mathematics, Other</p> <p><b>Computer Science</b> 400 Computer Science 410 Information Science and Systems</p>

**Current Classification Schemes for the Integrated Postsecondary Education Data System  
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
11.03 Data Processing Technology/Technician 11.04 Information Sciences and Systems 11.05 Computer Systems Analysis 11.0701 Computer Science 11.99 Computer and Information Sciences, Other 52.1204 Business Systems Networking and Telecommunications	
<b>BIOLOGICAL/AGRICULTURAL SCIENCES</b>	<b>BIOLOGICAL/AGRICULTURAL SCIENCES</b>
<b>Agricultural Sciences</b> 02.01 Agriculture/Agricultural Sciences, General 02.02 Animal Sciences 02.03 Food Sciences and Technology 02.04 Plant Sciences 02.05 Soil Sciences 02.99 Agriculture/Agricultural Sciences, Other 03.01 Natural Resources Conservation 03.02 Natural Resources Management and Protective Services 03.03 Fishing and Fisheries Sciences and Management 03.05 Forestry and Related Sciences 03.06 Wildlife and Wildlands Management 03.99 Conservation and Renewable Natural Resources, Other	<b>Agricultural Sciences</b> 005 Animal Breeding and Genetics 007 Animal Husbandry 010 Animal Nutrition 012 Dairy Science 014 Poultry Science 019 Animal Sciences, Other 020 Agronomy and Crop Science 025 Plant Breeding and Genetics 030 Plant Pathology 032 Plant Protection/Pest Management 039 Plant Sciences, Other 040 Food Sciences 042 Food Distribution 043 Food Engineering 044 Food Sciences, Other 045 Soil Sciences 046 Soil Chemistry and Microbiology 049 Soil Sciences, Other 050 Horticulture Science 054 Fish and Wildlife 055 Fisheries Science and Management 060 Wildlife Management 065 Forestry Sciences 066 Forest Biology 068 Forest Engineering 070 Forest Management 072 Wood Science and Pulp/Paper Technology 074 Conservation and Renewable Natural Resources 079 Forestry and Related Sciences 080 Wildlife and Range Management 098 Agricultural Science, General 099 Agricultural Science, Other

**Current Classification Schemes for the Integrated Postsecondary Education Data System  
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
<b>Biological Sciences</b>	<b>Biological Sciences</b>
19.0505 Food Systems Administration	100 Biochemistry
26.01 Biology, General	103 Biomedical Sciences
26.02 Biochemistry and Biophysics	105 Biophysics
26.03 Botany	107 Biotechnology Research
26.04 Cell and Molecular Biology	110 Bacteriology
26.05 Microbiology/Bacteriology	115 Plant Genetics
26.0601 Anatomy	120 Plant Pathology
26.0603 Ecology	125 Plant Physiology
26.0607 Marine/Aquatic Biology	129 Botany, Other
26.0608 Neurosciences	130 Anatomy
26.0609 Nutritional Sciences	133 Biometrics and Biostatistics
26.0610 Parasitology	136 Cell Biology
26.0611 Radiation Biology/Radiobiology	139 Ecology
26.0612 Toxicology	140 Hydrobiology
26.0613 Genetics, Plant and Animal	142 Embryology
26.0614 Biometrics	145 Endocrinology
26.0615 Biostatistics	148 Entomology
26.0616 Biotechnology Research	151 Biological Immunology
26.0617 Evolutionary Biology	154 Molecular Biology
26.0618 Biological Immunology	156 Microbiology and Bacteriology
26.0619 Virology	157 Microbiology
26.0699 Miscellaneous Biological Specializations, Other	160 Neuroscience
26.07 Zoology	163 Nutritional Sciences
26.99 Biological Sciences/Life Sciences, Other	166 Parasitology
30.10 Biopsychology	169 Toxicology
51.1303 Medical Biomathematics and Biometrics	170 Genetics, Human and Animal
51.1304 Medical Physics/Biophysics	171 Genetics
51.1305 Medical Cell Biology	175 Pathology, Human and Animal
51.1306 Medical Genetics	180 Pharmacology, Human and Animal
51.1309 Medical Molecular Biology	185 Physiology, Human and Animal
51.1310 Medical Neurobiology	186 Animal and Plant Physiology
51.1311 Medical Nutrition	189 Zoology, Other
	198 Biological Sciences, General
	199 Biological Sciences, Other

**Current Classification Schemes for the Integrated Postsecondary Education Data System  
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
<b>PSYCHOLOGY</b>	<b>PSYCHOLOGY</b>
42.01 Psychology, General	600 Clinical Psychology
42.02 Clinical Psychology	603 Cognitive Psychology and Psycholinguistics
42.03 Cognitive Psychology and Psycholinguistics	606 Comparative Psychology
42.04 Community Psychology	609 Counseling Psychology
42.06 Counseling Psychology	612 Developmental and Child Psychology
42.07 Developmental and Child Psychology	613 Human Individ. & Family Development
42.08 Experimental Psychology	615 Experimental Psychology
42.09 Industrial and Organizational Psychology	616 Experimental, Comparative, and Physiological Psychology
42.11 Physiological Psychology/Psychobiology	618 Educational Psychology
42.16 Social Psychology	619 Human Engineering
42.99 Psychology, Other	620 Family and Marriage Counseling
51.2303 Hypnotherapy	621 Industrial and Organizational Psychology
51.2705 Psychoanalysis	624 Personality Psychology
	627 Physiological Psychology/Psychobiology
	630 Psychometrics
	633 Quantitative Psychology
	636 School Psychology
	639 Social Psychology
	648 Psychology, General
	649 Psychology, Other
	672 Human, Individual, and Family Development
<b>SOCIAL SCIENCES</b>	<b>SOCIAL SCIENCES</b>
<b>Economics</b>	<b>Economics</b>
01.0103 Agricultural Economics	000 Agricultural Economics
45.06 Economics	666 Economics
	668 Econometrics
<b>Political Science</b>	<b>Political Science</b>
44.04 Public Administration	674 International Relations/Affairs
44.05 Public Policy Analysis	678 Political Science and Government
44.99 Public Administration and Services, Other	679 Political Science and Public Administration
45.09 International Relations and Affairs	682 Public Policy Analysis
45.10 Political Science and Government	976 Public Administration
<b>Sociology</b>	<b>Sociology</b>
45.05 Demography and Population Studies	662 Demography and Population Studies
45.11 Sociology	686 Sociology



**Current Classification Schemes for the Integrated Postsecondary Education Data System  
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
<b>Other Social Sciences</b>	<b>Other Social Sciences</b>
05 Area, Ethnic, and Cultural Studies	650 Anthropology
16.0102 Linguistics	652 Area Studies
30.1101 Gerontology	658 Criminology
30.1501 Science, Technology, and Society	670 Geography
45.01 Social Sciences, General	690 Statistics
45.02 Anthropology	694 Urban Affairs/Studies
45.03 Archeology	698 Social Sciences, General
45.04 Criminology	699 Social Sciences, Other
45.07 Geography	710 History and Philosophy of Science and Technology
45.0804 History and Philosophy of Science and Technology	729 Linguistics
45.12 Urban Affairs/Studies	770 American Studies
45.99 Social Sciences and History, Other	773 Archeology
<b>NON-S&amp;E</b>	<b>NON-S&amp;E</b>
01 Agricultural Business and Production	<b>MEDICAL SCIENCES</b>
04 Architecture and Related Programs	205 Dentistry
08 Marketing Operations/Marketing and Distribution	210 Environmental Health
09 Communications	215 Public Health
10 Communications Technologies	219 Public Health and Epidemiology
12 Personal and Miscellaneous Services	220 Epidemiology
13 Education	225 Medicine and Surgery
15 Engineering-Related Technologies	235 Optometry and Ophthalmology
16 Foreign Languages and Literatures	240 Pharmacy
17 Allied Health	250 Veterinary Science
18 Health Professions and Related Sciences (Including Dentistry, Medicine, Optometry, Osteopathic Medicine, Pharmacy, Podiatry or Podiatric Medicine or Chiropody, Veterinary Medicine, Chiropractic, Allied Health)	<b>OTHER HEALTH SCIENCES</b>
19 Home Economics	200 Speech/Language Pathology and Audiology
20 Vocational Home Economics	212 Health Systems/Services Administration
	224 Hospital Administration
	230 Nursing
	245 Rehabilitation/Therapeutic Services

**Current Classification Schemes for the Integrated Postsecondary Education Data System  
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>		Fields of study from the Survey of Earned Doctorates classification	
22	Law and Legal Studies	298	Health Sciences, General
23	English Language and Literature/Letters	299	Health Sciences, Other
24	Liberal/General Studies		
25	Library and Archival Sciences		
28	Reserve Officer Training Corps (ROTC)		
29	Military Technologies		
30	Multi-/Interdisciplinary Studies		
31	Parks, Recreation, Leisure, and Fitness Studies		
38	Philosophy and Religion		
39	Theological Studies and Religious Vocations		
41	Science Technologies		
43	Protective Services		
44	Public Administration and Services (Does not include Parks and Recreation Management, and Law Enforcement and Correction)		
46	Construction Trades		
47	Mechanics and Repairers		
48	Precision Production Trades		
49	Transportation and Materials Moving Workers		
50	Visual and Performing Arts		
52	Business Management and Administrative Services		
			<b>HISTORY</b>
		700	History, American
		705	History, European
		718	History, General
		719	History, Other
			<b>ENGLISH AND LITERATURE</b>
		720	Classics
		723	Comparative Literature
		725	English and American Literature
		732	Literature, American
		733	Literature, English
		734	English Language
		736	Speech and Rhetorical Studies
		738	Letters, General
		739	Letters, Other
			<b>FOREIGN LANGUAGES</b>
		740	French
		743	German
		746	Italian
		749	Spanish
		752	Russian
		755	Slavic (Other than Russian)
		758	Chinese
		762	Japanese
		765	Hebrew
		768	Arabic
		769	Other Languages and Literature
			<b>OTHER HUMANITIES</b>
		785	Philosophy (See also 440)
		798	Humanities, General
		799	Humanities, Other
			<b>RELIGION AND THEOLOGY</b>
		790	Religion (See also 984)
		791	Religion and Theology
		984	Theology/Religious Education (See also 790)
		825	School Psychology (See also 636)
		830	Social/Philosophical Foundations of Education
		835	Special Education
		840	Counseling Education/ Counseling and Guidance Services
		845	Education Evaluation and Research
		850	Pre-elementary/Early Childhood Teacher Education
		852	Elementary Teacher Education

**Current Classification Schemes for the Integrated Postsecondary Education Data System  
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
	<p>854 Junior High Teacher Education</p> <p>856 Secondary Teacher Education</p> <p>858 Adult and Continuing Teacher Education</p> <p>861 Art Education</p> <p>862 Business Education</p> <p>864 English Education</p> <p>866 Foreign Languages Education</p> <p>867 Physical Education, Health, and Recreation</p> <p>870 Home Economics Education</p> <p>876 Music Education</p> <p>880 Physical Education and Coaching</p> <p>882 Reading Education</p> <p>886 Speech Education</p> <p>888 Trade and Industrial Education</p> <p>889 Teacher Education, Specific Academic and Vocational Programs, Other</p> <p>898 Education, General</p> <p>899 Education, Other</p> <p><b>BUSINESS AND MANAGEMENT</b></p> <p>002 Agricultural Business and Management</p> <p>900 Accounting</p> <p>905 Banking/Financial Support Services</p> <p>910 Business Administration and Management</p> <p>915 Business/Managerial Economics</p> <p>917 Management Information Systems/Business Data Processing</p> <p>920 Marketing Management and Research</p> <p>925 Business Statistics</p> <p>930 Operations Research (See also 363, 465)</p> <p>935 Organizational Behavior (See also 621)</p> <p>938 Business Management/ Administrative Services, General</p> <p>939 Business Management/ Administrative Services, Other</p> <p><b>INFORMATION FIELDS (JOURNALISM, BROADCASTING, LIBRARIANSHIP)</b></p> <p>940 Communications Research</p> <p>945 Journalism</p> <p>947 Mass Communications</p> <p>950 Radio and Television</p> <p>957 Communication Theory</p> <p>958 Communications, General</p> <p>959 Communications, Other</p> <p>972 Library Science</p> <p><b>LAW</b></p> <p>968 Law</p> <p><b>SOCIAL SERVICE PROFESSIONS</b></p> <p>980 Social Service Professions</p>
Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification

**Current Classification Schemes for the Integrated Postsecondary Education Data System  
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

**VOCATIONAL STUDIES AND HOME  
ECONOMICS**

964 Home Economics

**OTHER NON-SCIENCE FIELDS**

974 Parks/Recreation/Leisure/Fitness

988 Professional Fields, General

989 Professional Fields, Other

999 Other Fields



The National Science Foundation promotes and advances scientific progress in the United States by competitively awarding grants for research and education in the sciences, mathematics and engineering.

To get the latest information about program deadlines, to download copies of NSF publications, and to access abstracts of awards, visit the NSF Web site at:

<http://www.nsf.gov>

- ☐ Location: 4201 Wilson Blvd.  
Arlington, VA 22230
  
- ☐ For General Information (NSF Information Center): (703) 292-1111
  
- ☐ TDD (for the hearing-impaired): (703) 292-5090
  
- ☐ To Order Publications or Forms:
  - Send an e-mail to: [paperpubs@nsf.gov](mailto:paperpubs@nsf.gov)
  - or telephone: (301) 947-2722
  
- ☐ To Locate NSF Employees: (703) 292-8183

The Foundation provides awards for research and education in the sciences and engineering. The awardee is wholly responsible for the conduct of such research and preparation of the results for publication. The Foundation, therefore, does not assume responsibility for the research findings or their interpretation.

The Foundation welcomes proposals from all qualified scientists and engineers and strongly encourages women, minorities, and persons with disabilities to compete fully in any of the research and education related programs described here. In accordance with Federal statutes, regulations, and NSF policies, no person on grounds of race, color, age, sex, national origin, or disability shall be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity receiving financial assistance from the National Science Foundation.

Facilitation Awards for Scientists and Engineers with Disabilities (FASED) provide funding for special assistance or equipment to enable persons with disabilities (investigators and other staff, including student research assistants) to work on NSF projects. See the program announcement or contact the program coordinator at 703-292-8636.

The National Science Foundation has TDD (Telephonic Device for the Deaf) capability, which enables individuals with hearing impairment to communicate with the Foundation about NSF programs, employment, or general information. To access NSF TDD dial 703-292-5090; for FIRS, 1-800-877-8339.

